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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 19

Application Number	09/548235
Filing Date	4/12/2000
First Named Inventor	Levergood et al.
Art Unit	2145
Examiner Name	Patrice L. Winder
Attorney Docket Number	432383-600011

## U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	US-				
	US- 4073368		02/14/1978	Mustapick	
	US- 4317957		03/02/1982	Sendrow	
	US- 4449186		05/15/1984	Kelly et al.	
	US- 4547851		10/15/1985	Kurland	
	US- 4567359		01/28/1986	Lockwood	
	US- 4654482		03/31/1987	DeAngelis	
	US- 4685055		08/04/1987	Thomas	
	US- 4791566		12/03/1988	Sudama et al.	
	US- 4887208		12/12/1989	Schneider et al.	
	US- 4931932		06/05/1990	Dalnekoff et al.	
	US- 4959686		09/25/1990	Spallone et al.	
	US- 4984155		01/08/1991	Geier et al.	
	US- 5113496		05/12/1992	McCalley et al.	
	US- 5157783		10/20/1992	Anderson et al.	
	US- 5235509		08/10/1993	Mueller et al.	
	US- 5285383		02/08/1994	Lindsey et al.	
	US- 5310997		05/10/1994	Roach et al.	
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Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		WO 96/42041	12/27/1996	Levergood et al.		

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		Number-Kind Code <sup>2</sup> (if known)		
		US- 5313637	05/17/1994	Rose
		US- 5440479	08/08/1995	Hutton
		US- 5506961	04/09/1996	Carlson et al.
		US- 5576951	11/19/1996	Lockwood
		US- 5598536	01/28/1997	Slaughter III et al.
		US- 5603025	02/11/1997	Tabb et al.
		US- 5638519	06/10/1997	Haluska
		US- 5642515	06/24/1997	Jones et al.
		US- 5684965	11/04/1997	Pickering
		US- 5689638	11/18/1997	Sadovsky
		US- 5694546	12/02/1997	Reisman
		US- 5712989	01/27/1998	Johnson et al.
		US- 5721780	02/24/1998	Ensor et al.
		US- 5787416	07/28/1998	Tabb et al.
		US- 5999711	12/07/1999	Misra et al.
		US- 6125388	09/26/2000	Reisman
		US- 6135646	10/24/2000	Kahn et al.
		US- 6148343	11/14/2000	Lewine
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		Filing Date	4/12/2000		
		First Named Inventor	Levergood et al.		
		Art Unit	2145		
		Examiner Name	Patrice L. Winder		
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Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T <sup>2</sup>
		Soverain Software LLC v. CDW et al., Civil Action No. 6:07-CV-511, Joint Invalidity Contentions for CDW Corporation, Newegg Inc and Zappos.com, dated August 20, 2008.		
		"X.25", www.webopedia.com entry, May 1, 2001, 4 pages.		
		WWW-Talk Apr-Jun 1995: Session Tracking, April - June 1995, 50 pages.		
		Google Groups, WWW Games?, comp.infosystems.www, February - March 1994, 15 pages.		
		Wiseman, Paul, "The Internet Snares More Businesses" USA Today.com, July 7, 1994, page 1.B.		
		Wells, David, "High Speed X.25 and Frame Relay - a comparison", undated, 5 pages.		
		Perrochon, Louis, "Translation Servers: Gateways Between Stateless and Stateful Information Systems", Zurich, Switzerland, 1994, 12 pages.		
		McFadden, Andy, "Transactional Services on WWW", May 12, 1994, 5 pages.		
		The Santa Cruz Operations, "SCO Puts Business on the Information Highway", March 7, 1994, 2 pages.		
		Taylor, Dave, "The Internet Mall: Shopping on the Information Highway", September 15, 1995, 35 pages.		

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				First Named Inventor	Levergood et al.
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				Examiner Name	Patrice L. Winder
Sheet	5	of	19	Attorney Docket Number	432383-600011

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		Berners-Lee, Tim, "Uniform Resouce Locators: A Syntax for the Expression of Access Information of Objects on the Internet", March 21, 1994, 20 pages		
		Steiner et al., "Kerberos: An Authentication Service for Open Network Systems", Project Athena, Massachusetts Institute of Technology, March 30, 1988, 15 pages.		
		Google Groups, Comp.Infosystems.www, "Stateful server via special URL's", July 1993, 4 pages.		
		Google Groups, Comp.Infosystems.www, "Stateful connections via WWW", December 1993, 1 page.		
		Google Groups, Comp.Infosystems.www, "Stateful HTTP?", February 1994, 5 pages.		
		Seltzer, "The Internet -- A New Dimension", <a href="http://samizdat.com/gli8mpse.html">http://samizdat.com/gli8mpse.html</a> , 1994, 4 pages.		
		Rybaczynski, Anthony, "X.26 Interface and End-to-End Virtual Circuit Service Characteristics", IEEE transactions on Communications, Vol. Com-28, No. 4, April 1980, 11 pages.		
		Kuzela, Lad, " 'Shop' by Television; Redcoats Join Communications Fight" Business Trends, February 22, 1982, 2 pages.		
		Rathore, R., et al., "Service Provisioning Operations for Public Packet Switched Network (PPSN) Access", IEEE Communications Magazine, October 1987-Vol. 25, No. 10, 6 pages.		
		Google Groups, Comp.sys.hp.mpe, "Query Image From Netscape-HTTP Tutorial Enclosed", March 1995, 6 pages.		

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		Kohn, Dan, "Prior Art on OpenMarket Patents", March 9, 1998, 1 page.	
		Schubert, Eric, "Personal Data Access on the Campus Network", University of Notre Dame, Indiana, undated, 5 pages.	
		Kohl et al., "The Kerberos Network Authentication Service (V5)", Digital Equipment Corporation, September 1993, 105 pages.	
		Franks et al., "An Extension to HTTP: Digest Access Authentication", Network Working Group, January 1997, 18 pages.	
		Sirbu et al., "NetBill: An Internet Commerce System Optimized for Network-Delivered Services", IEEE Personal Communications, August 1995, 6 pages.	
		Cox et al., "NetBill Security and Transaction Protocol", Carnegie Mellon University, Pittsburgh, Pennsylvania, undated, 12 pages.	
		Mathison, Stuart L., "Commercial, Legal, and International Aspects of Packet Communications", Proceedings of the IEEE, Vol. 66, No. 11, November 1978, pp. 1537-1539.	
		Lewis, Peter H., "The Executive Computer; A Growing Internet is Trying to Take Care of Business", The New York Times, December 12, 1993, 32 pages.	
		Lewis, Peter H., "On-Line Middleman Opens for Business", The New York Times, October 2, 1995, 3 pages.	
<i>PART 2 STATIS 1100</i>		Lewis, Peter H., "Getting Down to Business on the Net", The New York Times, June 19, 1994, 1 page.	

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		Steiner, Newman, and Schiller, "Kerberos: An Authentication Service for Open Network Systems", Steiner (Massachusetts Institute of Technology), Newman (University of Washington), Schiller ((Massachusetts Institute of Technology), March 30, 1988, 15 pages.	
		Carnegie Mellon University Information Networking Institute, "Internet Billing Server Prototype Scote Document INI Technical Report 1993-1", October 14, 1993, 29 pages.	
		Wili, Uffe, Leggett, John, "Hyperform: Using Extensibility to Develop Dynamic, Open and Distributed Hypertext Systems", Wili (The University of Aalborg, Denmark), Leggett (Texas A & M University), Milano, November 30, December 1992, pages 251 - 261.	
		Hughes, Kevin, "Entering the World-Wide Web: A Guide to Cyberspace", Honolulu Community College, October 1993, 17 pages.	
		Hughes, Kevin, "Entering the World-Wide Web: A Guide to Cyberspace", ACM Siglink Newsletter, Vol. III No. 1, March 1994, page 4 - 8.	
		Huang et al., "Evolution and Integration of a Multi-Media Communications Network", Siemens Public Switching Systems, Inc., Boca Raton, Florida, 1989 IEEE, pages 0956 - 0960.	
		Google Groups, Comp.infosystems.www, "HTTP Servers with State?", January 1994, 2 pages.	
		Google Groups, Comp.sys.hp.mpe, "hp3k & gopher & Web update transaction article", January 1995, 3 pages.	
		Google Groups, Comp.sys.hp.mpe, "How we do personalized gopher and Web authentication", January 1995, 2 pages.	
		Google Groups, Bionet.general, "Gopher Conference 93 (Yet another report)", May 1993, 8 pages.	

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		Miller, et al., "Kerberos Man Page", MIT Project Athena, Kerberos Version 4.0, Copyright 1985, 1986 Massachusetts Institute of Technology, 4 pages.
		Curtis, Franklin Jr., "Selling Internet Access", VARBusiness, Copyright 1994, CMO Publications, September 1, 1994, 6 pages.
		"First Virtual Corporate Brochure", Copyright 1995, First Virtual Holdings Incorporated, 28 pages.
		Rosenthal, Doug, "EINet: A Secure, Open Network for Electronic Commerce", MCC EINet, 1994 IEEE, pages 219 - 226.
		Crocker, et al., "CyberCash: Payments Systems for the Internet", Proc. INET 1995, 2 pages.
		Google Groups, "Condom Country", 1994, 5 pages.
		CompuServe, "Shopping - The Electronic Mall", pages 109-113
		"Company News: Food from Cyberspace; For Ameritech, On-Line Food Shopping", The New York Times, April 3, 2008, 6 pages.
		Cohen et al., "X.25 Implementation - The Untold Story", Bill Telephone Laboratories, New Jersey, Copyright 1983, pages 60 - 64.
		Chang et al., "Architecture Alternative for Wireless Data Services: Interworking with Voiceband Modem", Bellcore, Red Bank, New Jersey, Copyright 1994, IEEE, 8 pages.

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		C.W., A.N., L.M., "Business the Internet Way", The Age, Melbourne, Australia, February 15, 1994, 3 pages.			
		Berners-Lee, Tim, "Hypertext Transfer Protocol: A Stateless Search, Retrieve and Manipulation Protocol", November 5, 1993, 25 pages.			
		Belsie, Laurent, "Powerful Internet Should Skyrocket as Firms Go On-Line", The Christian Science Monitor, March 16, 1994, 1 page.			
		Bass, Brad, "AT&T Disconnects vintage Net Service", FCW.com, December 6, 1998, 2 pages.			
		Atkins et al., "The Development of Packet Data Communications in the ISDN", British Telecom Research Laboratories, UK, undated, pages 386-390.			
		"Answers.com", Peapod, Inc., Copyright 2008, 6 pages.			
		Motoda et al., "An Experimental Verification of Relational Database Access Over WWW", NTT Software Laboratories, Tokyo, Japan, undated, 8 pages.			
		Lavenant et al., "The Phoenix Project: Distributed Hypermedia Authoring", Biological Sciences Division Academic Computing, Chicago, Illinois, undated, 6 pages.			
		McCool, Rob, "using PGP/PEM? using Kerberos?", www-Talk Jan-Mar 1994: using PGP/PEM? using Kerberos?, February 25, 1995, 1 page.			
		Shafer, Dan, "Using Oracle with HyperCard", Hayden Books, Carmel, Indiana, Copyright 1990, 433 pages.			

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		Application Number	09/548235
		Filing Date	4/12/2000
		First Named Inventor	Levergood et al.
		Art Unit	2145
		Examiner Name	Patrice L. Winder
Sheet	10	of	19
		Attorney Docket Number	432383-600011

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Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Google Groups, comp.infosystems.www, "Using FORMS", December 1993, 2 pages.	
		Ellsworth et al., "Using CompuServe - The Comprehensive Guide to all the Online Services and Resources Available!", Copyright 1994 by Que Corporation, 470 pages.	
		McKee, Douglas, "Towards Better Integration of Dynamic Search Technology and the World-Wide Web", undated, 7 pages.	
		December, John et al., "The World Wide Web Unleashed", Copyright 1994 by Sams Publishing, 5 pages.	
		Doelz, R., et al., "The Use of WWW in Biological Research", undated, 7 pages.	
		Carr, L., et al., "The Microcosm Link Service and its Application to the World Wide Web", Dept.of Electronics and Computer Science, U of Southampton, England, undated, 10 pgs.	
		Mansfield, Niall, "The Joy of X: An Overview of the X Window System", Addison-Wesley Publishing Company, Copyright 1993, 378 pages.	
		Ellsworth, Jill et al., "The Internet Business Book", John Wiley & Sons, Inc., Copyright 1994, 393 pages.	
		Kane, Pamela, "The Hitchhiker's Guide to the Electronic Highway", MSI Press, Inc., Copyright 1994, 403 pages.	
		"QSL - Quill Service Link: Your Electronic Connection to Superior Service and Best Values in Office Products", Quill Corporation, Copyright 1988, 34 pages.	

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		Examiner Name	Patrice L. Winder		
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		Davis, Russell, "Network Authentication Tokens", Ford Aerospace, Virginia, Copyright 1990 IEEE, pages 234-238.	
		Sheridan, John, "Marketing by Modem; Computer System Will Link Firm with 100,000 Customers by Yearend", Industry Week, June 6, 1988, 2 pages.	
		Fielding, Roy T., "Maintaining Distributed Hypertext Infrastructures: Welcome to MOMspider's Web", Department of Information and Computer Science, U of California, Irvine, April 17, 1994, 10 pages.	
		Neuss, Christian et al., "Lost in Hyperspace? Free Text Searches in the Web", Fraunhofer Institute for Computer Graphics, Germany, undated, 8 pages.	
		Google Groups, comp.infosystems.www, "Invisible 'name-value' pairs in FORMS???", March 1994, 2 pages.	
		Allen, Wayne, "Insecure WWW Access Authorization Protocol?", March 8, 1994, 2 pages.	
		"I Didn't Know I could do that on CompuServe!", CompuServe Incorporated, Copyright 1994, 135 pages.	
		Nielsen, Jakob, "Hyper Text & Hyper Media", Academic Press, Inc., San Diego, California, Copyright 1990, 275 pages.	
		"HTTP Request Fields", web page document, last modified May 3, 1994, 5 pages.	
		Google Groups, comp.infosystems.www, "How to Share Data Among CGI Scripts", May - June 1994, 4 pages.	

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Application Number		09/548235	
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		Google Groups, comp.infosystems.www.providers, "How to Maintain State: ANSWERS", September 1994, 1 page.	
		Bowen et al., "How to Get the Most Out of CompuServe", Bantam Books, February 1989, 494 pages.	
		Fleming et al., "Handbook of Relational Database Design", Copyright 1989 by Addison-Wesley Publishing Company, Inc., 610 pages.	
		McBryan, Oliver A., "GENVL and WWW: Tools for Taming the Web", University of Colorado, Department of Computer Science, undated, 12 pages.	
		Payne, "FastCGI: A High-Performance Web Server Interface", Open Market, Inc., April 1996, 7 pages.	
		Cronin, Mary J., "Doing Business on the Internet: How the Electronic Highway is Transforming American Companies", Copyright 1994 by Van Nostrand Reinhold, 314 pages.	
		Google Groups, alt.internet.services, "Cyberspace Development: Builders of Internet Storefronts", November 1993, 2 pages.	
		Wikipedia Page, "CUC International", Page last modified on May 22, 2008, 3 pages.	

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		Business Wire, "CUC International Acquires Netmarket Company A Leader in Bringing Commerce to the Internet", November 14, 1994, 6 pages.	
		Batini et al., "Conceptual Database Design: An Entity-Relationship Approach", The Benjamin/Cummings Publishing Company, Inc., Copyright 1992, 491 pages.	
		Google Groups, comp.databases, "Client-Server Database Query", May 1994, 2 pages.	
		Reid, Robert H., "Architects of the Web: 1,000 Days that Built the Future of Business", Published by John Wiley & Sons, Inc., Copyright 1997, 421 pages.	
		Koster, Martijn, "Aliweb - Archie-Like Indexing in the WEB", March 16, 1994, 10 pages.	
		Meschkat, Steffen, "Active Articles in Interactive Journals", April 15, 1994, 5 pages.	
		Stewart et al., "101 Database Exercises", Glencoe McGraw-Hill, Copyright 1992, 153 pages.	
		NCSA HTTPd, "Upgrading NCSA HTTPd", <a href="http://hoohoo.ncsa.uiuc.edu/docs/Upgrade.html">http://hoohoo.ncsa.uiuc.edu/docs/Upgrade.html</a> , May 18, 2005, 11 pages.	
		Wheaton, "How to Create a Customer Database. (Lists and Databases)", Direct Marketing, February 1, 1990, 8 pages.	
		Nickerson, "WorldWideWeb: hypertext from CERN. (European Particle Physics Laboratory), Computers in Libraries, December 1, 1992, 2 pages.	

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		Filing Date	4/12/2000
		First Named Inventor	Levergood et al.
		Art Unit	2145
		Examiner Name	Patrice L. Winder
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		Berners-Lee, "Information Management: A Proposal", The original proposal of the WWW, HTMLized, March 1989, May 1990, 13 pages.
		Berners-Lee, "Hypertext Markup Language: A Representation of Textual Information and MetaInformation for Retrieval and Interchange", June 1993, 40 pages.
		Deloitte & Touche, "A Special Report on the Impact of Technology on Direct Marketing in the 1990s", Direct Marketing Association, Inc., Copyright 1990, 107 pages.
		Goodman, John, "Leveragain the Customer Databased to your Competitive Advantage. (Retail/Database)", Direct Marketing, December 1, 1992, 4 pages.
		Fodor, George, "Attitudes Anchor Harbor Sales: Inside Salespeople at Harbor Tool Supply Call on 252 Years of Collective Experience in Helping Process the Firm's Business", Industrial Distribution, June 1, 1990, 6 pages.
		Zodrow, Michael, "Bear Creek Builds In-House Gold Mine. (Mail Order marketer Bear Creek Corp.)(Database)", Direct Marketing, January 1, 1993, 8 pages.
		Google Groups, Comp.sys.mac.databases, "Mac Database Summary", September 1992, 14 pages.
		Google Groups, Comp.sys.mac.hypercard, "Using Hypercard on a Network", January - February 1994, 3 pages.
		Schlender, Brenton R., "New Software Beginning to Unlock the Power of Person Computers", Wall Street Journal, November 16, 1987, page 33.
		Varela et al., "Zelig: Schema-Based Generation of Soft WWW Database Applications", U of Illinois, Department of Computer Science, undated, 8 pages.

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Application Number	09/548235
Filing Date	4/12/2000
First Named Inventor	Levergood et al.
Art Unit	2145
Examiner Name	Patrice L. Winder
Attorney Docket Number	432383-600011

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		Goodman, Danny, "The HyperCard Handbook 1.2 Upgrade Kit", Bantam Books, October 1988, 173 pages.	
		Morgan, Eric Lease, "Implementing TCP/IP Communications with HyperCard", Information Technology and Libraries, December 1992, pages 421-432.	
		Google Groups, Comp.infosystems.www, "WWW FAQ v.0.1 (fwd)", May 1993, 5 pages.	
		Smith, Janet A., "The New Frontier (Use of New Technologies in Marketing) (Includes Related Articles) (Part 5)", Direct Marketing, September 1, 1991, 7 pages.	
		Smith, Janet A., "The New Frontier (Data Base Marketing) (Part 2 in a Series)", Direct Marketing, June 1, 1991, 6 pages.	
		Wesley-Tanaskovic et al., "Expanding Access to Science and Technology: The Role of Information Technologies", Proceedings of the Second International Symposium on the Frontiers of Science and Technology Held in Kyoto, Japan, May 12-14, 1992, 7 pages.	
		Conklin, Jeff, "Hypertext: An Introduction and Survey", Microelectronics and Computer Technology Corp., September 1987, 25 pages.	
		Google Groups, Comp.infosystems.www, "Transactional Services on WWW" May - June 1994, 4 pages.	
		Hickey, Mary, "Shopping at Home: One Modem Line, No Waiting", Home PC, 1994, 3 pages.	
		Ellis, Caron Schwartz, "Infopreneurs Find Opportunity with On-Line Commercialization", Boulder County Business Report, Boulder, Colorado, December 1993, Vol 12 Issue 12, December 1993, 4 pages.	

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		Sheeler, Jim, "Virtual Malls Allow Shoppers to Browse in Digital Marketplace", Extract from Boulder Daily Camera, March 22, 1994, 2 pages.
		Plugge, et al., "American Airlines' 'Sabre' Electronic Reservations System", undated, 9 pages.
		Woodhead, Nigel, "Hypertext and Hypermedia: Theory and Applications", Sigma Press, Addison-Wesley Publishing Company, 1991, 237 pages.
		Google Groups, Bit.listserv.dectel-I, "Dec's Digital Store Now on the Internet", January 1994, 1 page.
		SABRE Travel Information Network, "User's Guide SABRE with Windows Version 1.0", January 1993, 314 pages.
		Apple Computer, Inc., "HyperCard Reference Manual", Copyright 1993 Apple Computer, Inc., 449 pages.
		Goodman, Danny, "The Complete HyperCard Handbook - Second Edition", Bantam Books, October 1988, 869 pages.
		PC Week, "Hypertext Software Helps Users Weave Complex Data Webs", March 1, 1988, 3 pages.
		Cerf et al., "Specification of Internet Transmission Control Program", Network Working Group, December 1974 Version, 66 pages.
		Sullivan, Earmonn, "HTTP Eases Access to Internet Info", PC Week, January 31, 1994, 2 pages.

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		Roban, Roberta et al., "Discovering WESTLAW: The Essential Guide - 3rd Edition", Copyright 1993, West Publishing Company, 317 pages.			
		Shneiderman et al., "Hypertext Hands-On! An Introduction to a New Way of Organizing and Accessing Information", Copyright 1989 by Addison-Wesley Publishing Company, Inc., 186 pages.			
		McAleese et al., "Hypertext: State of the Art", Copyright 1990, Intellect Ltd., 281 Pages.			
		Brown, Heather, "Hypermedia/Hypertext and Object-Oriented Databases", Published by Chapman & Hall, Copyright 1991, 329 pages.			
		Gluck, Myke, "HyperCard, HyperText, and HyperMedia for Libraries and Media Centers", Libraries Unlimited Inc, Englewood, Colorado, Copyright 1989, 294 pages.			
		WWWorder e-mail posting seeking Beta (Final Release) Testers for Internet ShopKeeper, July 25, 1994, 1 pages.			
		Various WWWorder Archive, "Get WWWorder WWWorder-Archive.9406 (1/1)", "Authentication for Hire", "Authentication for Hire (fwd)", "Hours 6/27/94", "Overwhelming Response to that mailing list - interesting!", "My Implementation (fwd)", June 1994, 22 pages.			
		Preset, Adam, "Graduates Capitalize on Internet", The Phoenix, Swarthmore College, Swarthmore, Pennsylvania, April 19, 1994, 2 pages.			
		Friedling, Bill, "Shopping at your Desktop", The Philadelphia Inquirer, June 5, 1994, 2 pages.			
		Byrt, Frank, "Shopping at the High-Tech Mall", Business Section, New Hampshire Index, June 19, 1994, 2 pages.			

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Application Number	09/548235
Filing Date	4/12/2000
First Named Inventor	Levergood et al.
Art Unit	2145
Examiner Name	Patrice L. Winder
Attorney Docket Number	432383-600011

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Looney, Paul, "IT Works: the Simple Business System", Operating Manual for Version 7, Copyright 1994 by Paul Looney, 117 pages.	
		Litwin et al, "Multidatabase Interoperability", Computer, December 1986 IEEE, 9 pages.	
		Little, Thomas, "Multimedia at Work: Commerce on the Internet", IEEE MultiMedia, Winter 1994, pages 74 - 78.	
		Athena History (1983 - Present) from A to Z, posted at <a href="http://web.mit.edu/acs/athena.html">http://web.mit.edu/acs/athena.html</a> , October 8, 2008, 12 pages.	
		Tygar, J.D., "Atomicity in Electronic Commerce", Carnegie Mellon University, Pittsburgh, Pennsylvania, School of Computer Science, January 1996, 22 pages	
		Google Groups, Comp.infosystems.www, "Authentication on the Web?" July 1994, 2 pages.	
		Google Groups, Comp.infosystems.www.misc, "How to Get Statefull HTML Documents", June 1994, 2 pages	
		Baron, Chris, "Dr. Dobb's Portal: Implementing a Web Shopping Cart", September 1, 1996, 9 pages.	
		Morgan, Eric Lease, "Implementing TCP/IP Communications with HyperCard", Published in Information Technology and Libraries, December 1992, 12 pages.	
		Miller, et al., "Manpagez: man pages & More: man kerberos(1)", Copyright 1985, 1986, 1989-1996, 2002, Massachusetts Institute of Technology, 2 pages.	

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Substitute for form 1449/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>		Application Number	09/548235
		Filing Date	4/12/2000
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		NCSA HTTPd, Mosaic User Authentication Tutorial, printed December 5, 1995, 7 pages.	
		Google Groups, Cern.www.talk, "Not Dropping the Connection Was: Re: WWW games?", March 1994, 4 pages.	
		HyperActive Software, "Cool Things our Readers do with HyperCard", printed from <a href="http://www.hyperactivesw.com/HCStories/stories3.html">http://www.hyperactivesw.com/HCStories/stories3.html</a> on September 19, 2008.	
		Systemax and TigerDirect's Invalidity Contentions, Appendix I, dated July 21, 2008.	
		Systemax and TigerDirect's Invalidity Contentions, Appendix III, dated July 21, 2008.	
		Amazon Final Invalidity Contentions - web2mush - U.S. Patent 5,708,780.	
		Photographs of the JBA System Development.	

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